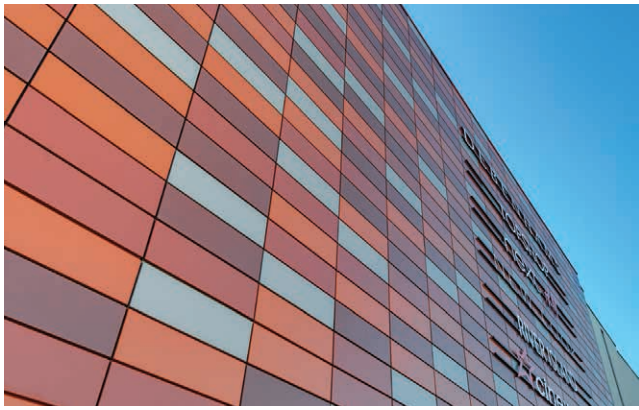
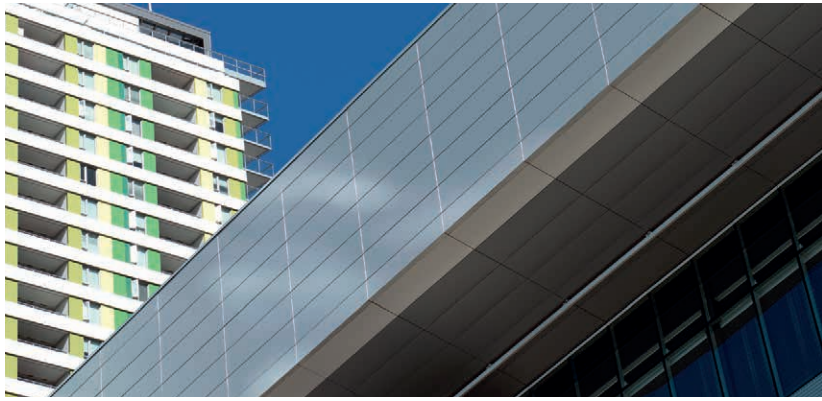
# High Performance
# Color Coating Systems

Building Envelope Design Solutions

**Architectural Insulated Metal Panel Systems**
North America



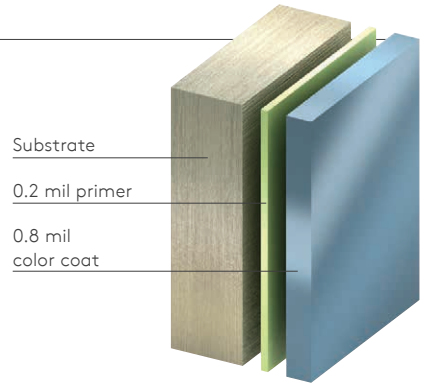


Kingspan® | BENCHMARK™

# Standard Colors

## Sherwin-Williams® Fluropon® Solid PVDF Colors (Unless otherwise noted as Illumipon™ FEVE*)

Fluropon® coatings are durable polyvinylidene coating system containing 70% PVDF resins, ceramic and inorganic pigments. This system provides a powerful chemical bond, superior resistance to ultraviolet radiation resulting in exceptional color retention, resistance to chalking and chemical degradation.




### Category 1

| Regal White | Ascot White | Bone White | Driftwood | Sandstone | Surrey Beige |
|---|---|---|---|---|---|
| SR:0.70 E:0.86 SRI:85 | SR:0.69 E:0.85 SRI:83 | SR:0.69 E:0.84 SRI:83 | SR:0.45 E:0.86 SRI:50 | SR:0.61 E:0.85 SRI:72 | SR:0.48 E:0.86 SRI:54 |

### Category 2

| Dove Gray | Zinc Gray | Rawhide | Parchment | Rock Tan | Taupestone | Spartan Bronze | Redwood* | Slate Blue |
|---|---|---|---|---|---|---|---|---|
| SR:0.49 E:0.86 SRI:56 | SR:0.35 E:0.86 SRI:37 | SR:0.55 E:0.85 SRI:64 | SR:0.53 E:0.85 SRI:61 | SR:0.62 E:0.86 SRI:74 | SR:0.27 E:0.86 SRI:26 | SR:0.31 E:0.85 SRI:31 | SR:0.39 E:0.87 SRI:43 | SR:0.28 E:0.85 SRI:27 |

### Category 3

| Colonial Red* | Evergreen | Regal Blue | Tahoe Blue |
|---|---|---|---|
| SR:0.33 E:0.87 SRI:35 | SR:0.26 E:0.85 SRI:24 | SR:0.26 E:0.85 SRI:24 | SR:0.26 E:0.85 SRI:24 |

| | |
|---|---|
| SR (Solar Reflectivity) | This is the ability of a material to reflect solar energy back into the atmosphere. Rated on a scale from 0 to 1, where 1 is the most reflective. |
| E (Emissivity) | Emissivity is the materials ability to release absorbed energy back into the atmosphere. Rated on a scale from 0 to 1, where 1 is the most emissive. |
| SRI (Solar Reflective Index) | This is used to determine compliance with LEED requirements and is calculated according to ASTM E 1980 using values for reflectance and the materials ability to release absorbed energy (emissivity) in medium wind speed conditions. Rated on a scale from 0 to 100, where 100 is the most reflective. |

* Illumipon™ is a FEVE (FluoroEthylene Vinyl Ether) resin-based coating that is highly resistant to weathering, airborne chemicals, acid rain and most cleaning solvents used to remove graffiti. It is a two-coat system that can be formulated in a wide range from low to high gloss.

# Premium Colors

## Sherwin-Williams® Fluropon® Classic II - 70% PVDF Mica Color

The coating system consists of a special primer and a durable color coat containing mica pearlescent flakes. Due to the orientation of aluminum / pearlescent flake pigments during application, the appearance will be directional in nature on metallic coatings.

Silversmith
SR:0.53 E:0.79 SRI:59

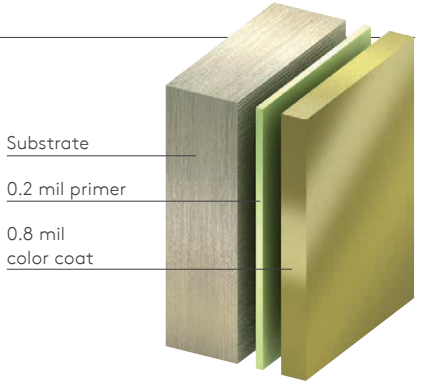
Zinc
SR:0.55 E:0.79 SRI:62

Champagne Pearl
SR:0.48 E:0.81 SRI:53

Champagne Bronze
SR:0.44 E:0.78 SRI:46

Weathered Zinc
SR:0.33 E:0.84 SRI:33

Copper Penny
SR:0.48 E:0.84 SRI:54




## Sherwin-Williams® Fluropon® Classic - 70% PVDF Metallic Colors

Metallic coatings employ metal flakes in the color coat. The system uses a special primer, a 70% PVDF resin based Fluropon® color coat and a clear topcoat, to provide outstanding color and gloss retention, increased abrasion resistance and added protection against atmospheric contaminants.

Bright Silver
SR:0.55 E:0.85 SRI:64

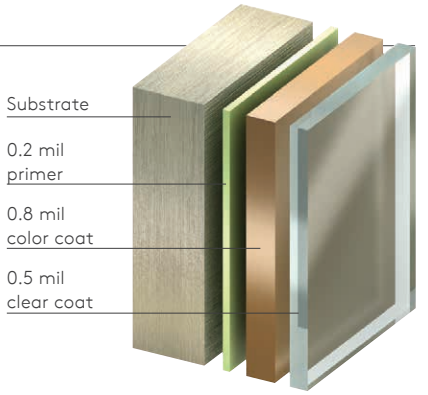
Rosalind Rose
SR:0.32 E:0.88 SRI:34

Champagne Gold
SR:0.49 E:0.88 SRI:56

Pewter
SR:0.41 E:0.89 SRI:46

Medium Bronze
SR:0.15 E:0.89 SRI:12

Dark Bronze
SR:0.08 E:0.89 SRI:3



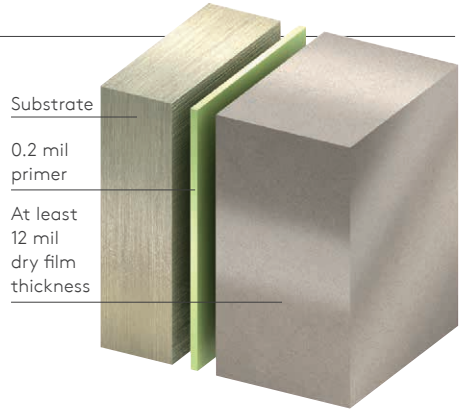

The appearance of mica and metallic colors may vary from batch to batch due to the variability in the random orientation of mica mineral pigments and metallic flakes used in the manufacturing process. To achieve the best result for your project, thoughtful planning is highly recommended, particularly if the project is phased. Please speak with your Kingspan representative for advice and guidance.

| | |
|---|---|
| SR (Solar Reflectivity) | This is the ability of a material to reflect solar energy back into the atmosphere. Rated on a scale from 0 to 1, where 1 is the most reflective. |
| E (Emissivity) | Emissivity is the materials ability to release absorbed energy back into the atmosphere. Rated on a scale from 0 to 1, where 1 is the most emissive. |
| SRI (Solar Reflective Index) | This is used to determine compliance with LEED requirements and is calculated according to ASTM E 1980 using values for reflectance and the materials ability to release absorbed energy (emissivity) in medium wind speed conditions. Rated on a scale from 0 to 1, where 1 is the most reflective. |

# Premium Colors

## Granitstone®

Granitstone coatings have an oven-baked epoxy primer and a factory applied finish of an air-dried 100% acrylic bonder with natural silica aggregate, minimum 12 mils dry film thickness, finished to resemble sprayed stucco.




### Granitstone


Imperial White


Bone White

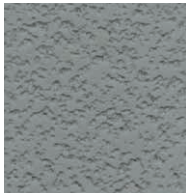

Sandstone

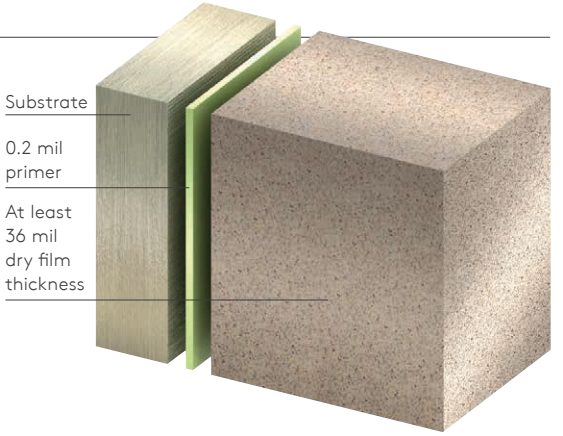

Parchment


Rawhide


Surrey Beige

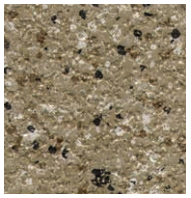

Taupestone

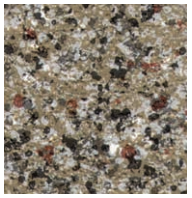

Dove Gray

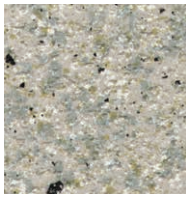


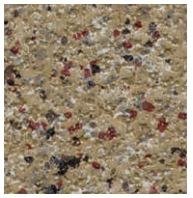

### Granitstone Quartz


Teton Gray


Foxwood Beige


Dakota Bronze


Cascade Sand


Monterey Gold

# Finish Options

## Speciality Finishes

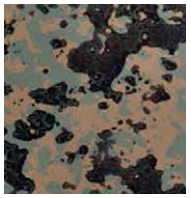
Kingspan's range of speciality finishes enable designers to achieve the look of granite, limestone, reconstituted stone, brickwork, wood or stone and provides a durable and lightweight equivalent to their natural alternative at a fraction of the cost.

The finishes complement the standard texture range and are available in a wide choice of colors with the option to match stone or brick where required.

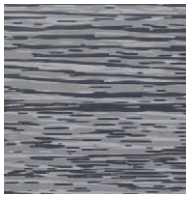
Specialty finishes may require specific steel characteristics and minimum quantities.  Please contact your Kingspan representative for more information.

### Camo


Marshland Camo


Woodland Camo

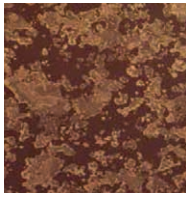
### Wood Grain

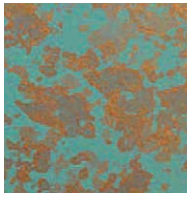

Driftwood

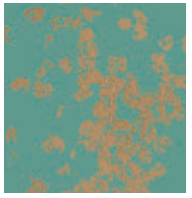

Red Cedar

### Metallic

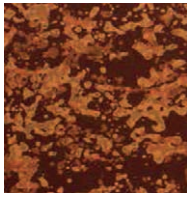

Weathered Zinc

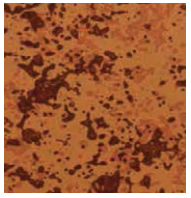

Rustic Copper

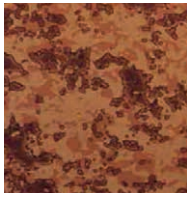

Antique Copper

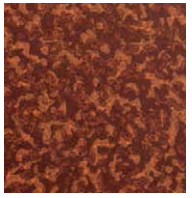

Natural Antique Copper

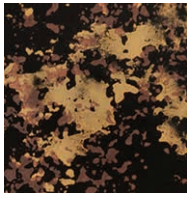
### Metallic

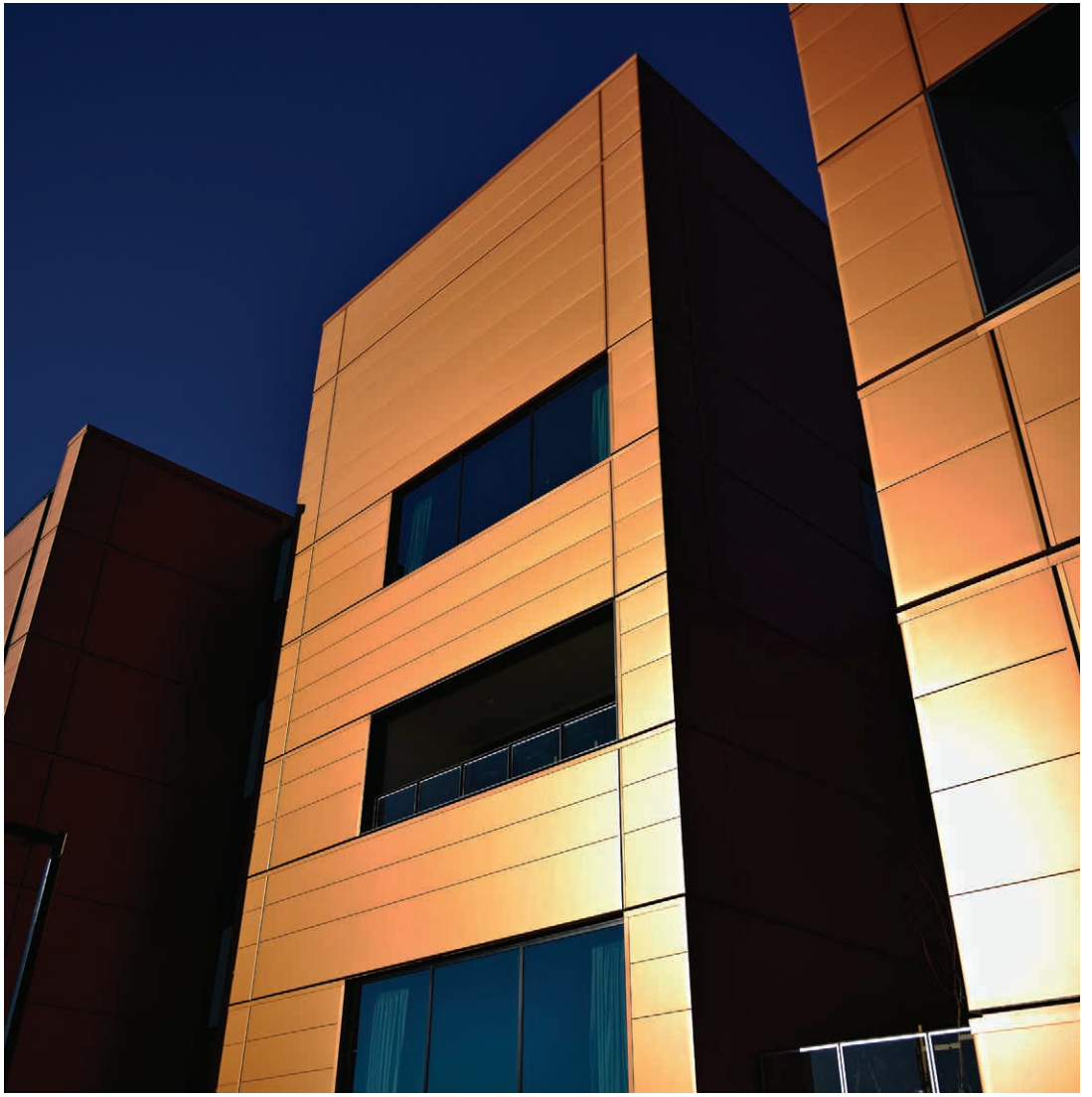

Burnt Rust


Tamarack Rust


Ponderosa Rust


Sedona Rust


Baltic Brown



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